

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Andrew John Friedman
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June 15, 1990

Dale Olson, Project Leader
Alaskan Copper
628 South Hanford
Seattle, WA 98134

Dear Mr. Olson:

Enclosed are the results of the analyses of the samples submitted on June 5, 1990 from Project Startup 3600, under PO #M15248.

We appreciate this opportunity to be of service to you on this project. If you have any questions regarding this material, or if you just want to discuss any aspect of your projects, please do not hesitate to contact me.

Sincerely,



Andrew John Friedman, Chemist

AJF

Enclosures

FRIEDMAN & BRUYA, INC.

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Date of Report: June 15, 1990
 Date Submitted: June 5, 1990
 Project: Startup 3600, under PO #M15248

RESULTS OF ANALYSES OF THE WATER SAMPLES FOR SELECTED METALS BY ICP Results Reported as mg/L (ppm)

<u>Sample #</u>	<u>Chromium</u> (ppm)	<u>Copper</u> (ppm)	<u>Nickel</u> (ppm)	<u>Zinc</u> (ppm)
M15248A	<1	<1	1	2
M15248B	<1	<1	<1	<1
M15248C	<1	<1	<1	<1
M15248D	<1	<1	<1	<1
M15248E	<1	<1	<1	<1
M15248F	<1	<1	<1	<1
M15248G	<1	<1	<1	<1
M15248H	<1	<1	<1	<1
M15248I	<1	<1	<1	<1
M15248J	<1	<1	<1	<1

Quality Assurance

Method Blank	<1	<1	<1	<1
M15248A (Duplicate)	<1	<1	1	2
M15248A (Matrix Spike) Spiked @ 10 ppm Percent Recovery	100%	100%	100%	100%
M15248A (Matrix Spike Duplicate) Spiked @ 10 ppm Percent Recovery	110%	110%	110%	110%